

AIRCRAFT LOG

AIRCRAFT DESCRIPTION

Manufacturer **NORTHERN AIRCRAFT, INC.** Place **ALEXANDRIA, MINN.** Date **10-9-58**
 License No. **N9846B** Type **STANDARD** Serial No. **4098**
 Description **ASEL** **14-19.2**

Reconstructed By	Place	Date
Seating Capacity (Crew Included) 4	Weight Empty 1761.5	Weight Loaded 2700
Wing Area 161 Sq. Ft.	Control Area	Sq. Ft. Span 34'2" Length 22'10³/₄"
Tires Main GOODRICH	Tire Tail SCOTT 2600	Brakes GOODRICH

Owner _____ Address _____
 City _____ State _____

EQUIPMENT DESCRIPTION

67553

Propeller **Mc CAULEY** Hub Design **2A36E-18** Hub Serial No. **58729**
 Blade Design **90M-12** Blade Serial No. **26028** Blade Serial No. **26024**
 Pitch **10°-23°** Width Diameter **78"**

Engine **CONTINENTAL** Model **O-410-K** Serial No. **48375-8-K**
 Rated H. P. **230** Bore **5** Stroke **4**

Receiver **↖** Model Serial No.

Transmitter **NARCOMARTE** Model **VTR-2** Serial No. **16JR2** Output

Generator **LEAR** Model **ADF-12** Serial No. **166047** Amp. Volt

Starter **DELCOREMY** Model Serial No. Volts **12**

Power Unit Model Serial No. Volts

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
10-10-58	test flight				1	00			R. B. [Signature]	

I have inspected this aircraft and found it complies with the requirements of CAR 1.67. Certificate of Airworthiness dated 10-10-58 ----- was issued by me.

***Albert E. Trone* CAA DMIR NO. 3060 -----
Signature**

Date 10-10-58 -----

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

F-26-59 25 HOUR INSPECTION
GREASED ALL FITTINGS. ADDED BRAKE
FLUID, ADDED HYDRAULIC FLUID, AIRCRAFT
VISUALLY INSPECTED.

O. H. Halligan
A & E 492732

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
10-21-59	<p>Periodic Inspection Cleaned & Repacked wheel buss. Checked brake. Serviced battery Cleaned in turn. Replaced fuel drain valve in h. tank. Replaced amp. fuel gauge Installed Windshield Defroster. Installed floor mats. Serviced gear. Revisited aircraft and checked gear retraction & lights. Checked all controls. Installed SL-14 battery pins in flap gallery. This aircraft inspected as required by C.A.R. in accordance with a periodic inspection & determined airworthy. C. W. Cochran # 387545 ✓</p>

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1-29-59 Installed Goodrich Modification Kit # 198-18 on
Zivko and refilled master cylinders and bled brakes.
(S letter-19) David E. Selek ACP 1450819

6-11-60 Replaced left cabin window. (Front)
Installed vac. oil separator — M. A. Hanson

GOPHER AVIATION, INC.

Rochester, Minn.

A/E-396863

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

10-8-60 Periodic insp. (169 hrs on tach). Greased gear fittings, packed wheel bearings, filled shock struts. Torqued brake disc bolts per S. Letter-7. Cleaned hydraulic strainers. Repaired 4 leaks in battery box and replaced missing ballast. Repaired carb heat box. Complied with AD 53-16-1 on elevator tab relay. No other A.D.s applicable.

It is certified that this aircraft has been thoroughly inspected as required by Civil Air Regulations, and found to be airworthy.

GOPHER AVIATION, INC.

Rochester, Minn.

Approved Repair Station

NO. 3721

W. O. Hanson

IA #396863

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

2-17-61 Removed mobile pump - Cleaned & reinstalled. Cleaned fuel tank sump screens. Repaired quick drain on right fuel tank. Installed new battery. Painted nose cowling.

James C. Oster
TIA # 681017

GOPHER AVIATION, INC.

Decorah, Minn.

6-5-61 Complied with Service Letter # 32 (replacement of fuel tank finger strainers). (2 1/2 hrs on task). M. O. Hanson

GOPHER AVIATION, INC.

Decorah, Minn.

Approved Repair Station

NO. 3721

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

7-8-61 Comply with Downey Service Letter # 34
by installing .040 stainless steel safety wire
each time 0221 hrs.

W. A. Luriger
P11853570

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

10-6-62 Tach time 278 hrs C/W AD 62-19-1 rudder bellcrankings.
 Inspected elevator trim tab as per AD 53-16-1.

I certify that this aircraft has been
 inspected in accordance with a
 100 hr. inspection and was
 found to be in airworthy condition.

Duane Bonderson

AIP 1422266

10-6-62 I certify that this aircraft has been
 inspected in accordance with a
Periodic inspection and was
 found to be in airworthy condition.

Wesley E. Brown
 AIP 7243607A

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1/6/65 Work done during annual inspection:

Replace master switch / new brake shoes / replace
 main bearing on starter adaptor housing / disassemble
 tail wheel / rudder bellcranks altered per 63-6-2
 by insertion of solid shaft & size of bolts increased /
 new spark plugs / rebuilt carb heat box / new ^{main} tire
 repaired radio / repaired manifold pressure gage /
 bored .060 hole in man press fire at fitting /
 removed 75 mc marker beacon antenna cradle
 flushed & oil changed / all oleo struts filled / O'haul starter /
 new battery / cowl repaired

Boyd Miller IA 678255

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

66

2-27 100 HOUR INSPECTION COMPLETED THIS DATE
SERVICED BATTERY - CHECKED ALL CABLES AND
PULLEYS - RETRACTION OF GEAR ACCOMPLISHED

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH A PERIODIC HR. INSPECTION
AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION.

TOTAL TIME 646:39. TACH. TIME 646:39.

JR Morris 1A 362159 2-27-6
AUTHORIZED SIGNATURE LICENSE NO DATE

SEE BACK OF LOG FOR AD NOTES

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

67

12/17

100 HR INSPECTION COMPLETED PER BALANCE
 MANUAL. RECOVERED LEFT FLAP, LEFT STABILIZER
 USING GRADE A FABRIC. TWO COATS BUTYRATE
 BRUSHED, 15 COATS ALUMINUM SPRAYED & 4
 COLOR COATS. REPAIRED LEFT WING LEADING
 EDGE, SEE FORM AL337. INSTALLED ENGINE
 AFTER OVERHAUL. REPLACED LEFT VERTICAL FIN

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 IN ACCORDANCE WITH A ANNUAL HR. INSPECTION
 AND WAS FOUND TO BE IN AN AIRWORTHY
 CONDITION.

TOTAL HRS 850:00 850:00

JR Huris 1A362159 12-17-67

SIGNATURE LICENSE NO DATE

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
<p>11-6-68</p> <p>Total Time 1013:9</p>	<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>A & E 1384928 <u>James Lugin</u> I-A-</p>
<p>Total Time 1037.4</p> <p>2-2-70</p>	<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>AM 1552410 James Lugin <u>Leslie M. Davis</u></p>

REMARKS

DATE	INSPECTION — MAINTENANCE	REPAIRS — ALTERATIONS	MAINTENANCE RELEASE
AUG. 12, 1971			The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found air-worthy for return to service.
INSTALLED	RADAR 360		Pertinent details of the repair are on file at this agency under:
TRANSCEIVER	SN-315, RADAR		Work Order No. 708 Date AUG. 12, 1971
200 NAV/RVR	SN 817, RADAR		Total Time Tack Time 1045.0
I VOR/LOC IND.	SN-159, AND		Signed Louis G. Jernette for
AIRMARC	1284 MARKER		DEL MONTE AVIATION, INC.
BEACON -	SEE FORM 337		FAA Repair Station #4639
NEW WEIGHT EMPTY =	1798.55		Post Office Box 1311 - Monterey, California
" C/G "	= 16.9		
" MOMENT "	= 30355.2		
" USEFUL LOAD "	= 901.45		
CHECKED RATE OF CLIMB	SN-139718 AND AIR		
SPEED	SN-AF43 2028 37 FOR CASE LEAKS (CHECK OK)		
	Superseded		

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	
25 JAN 73	REMOVED RADDIR 1 VOR/LOC	
SN-157	INSTALLED RADDIR 2 VOR/ILS	MAINTENANCE RELEASE
SN-367KO		
E/W = 1799.3		The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found air-worthy for return to service.
C/G = 16.86		Pertinent details of the repair are on file at this agency under:
MOMENT = 30352.2		Work Order No. 22576 Date 25 JAN 73
USEFUL LOAD 900.7		Total Time _____ Task Time 118.4
SEE FORM 337 THIS DATE.		Signed <i>Louis Cloninger</i> for
		DEL MONTE AVIATION, INC.
		FAA Repair Station #4639
		Post Office Box 1311 - Monterey, California

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

2-26-74 Installed King KR-86 AEF in Panel. New
Empty Weight 1794.6 New E.C.G. 16.28 New
Useful Load 905.4 *Michael J. Brown*

AIRMARTRONICS
AVIONICS DIVISION
MUNICIPAL AIRPORT
SALINAS, CALIF. 93901
(408) 424-1150
FAA REPAIR STATION NO. 408-12

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

5/30/75

Removed KH-150. Installed E-110.
All work done in accordance
with 43.13-2 Chapter 2+3 and
manufacturer's instructions. wt.
and balance adjusted.

Devoey G. Gutch.
L.A.C. Avionics
FAA Cert. Rep. Sta 6022

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

DATE 04-17-76
Tach 1446:65
total 1446:65

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

A & E 1384923

[Handwritten Signature]

~~DATE 5-5-76
Tach~~

~~I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.~~

~~A & E 1384923~~

VOID

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

12-16-80

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL

TOTAL 1490:75

INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

A & E 1384923 John Jay - IA

For detailed information of work completed, See FAA Form 337 dated 12-16-80.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1982 TACH - 1544.6 HR.

18 FEB 1982 - Insp. AIRFRAME, Insp. COBLES & PULL-UPS, REPAIR
 WHEEL BRGS. C/W 76-08-04 By S/L 87A PART 1 DUE AGAIN
 NEXT ANNUAL. ALL OTHER ROUTINE MAIN PERFORMED.

91.170 CK. DUE NOW, 91.177 CK. DUE NOW, FLT BATT-3-82, +
 5-82.

I certify that this AIRFRAME has been inspected
 in accordance with ANNUAL inspection and
 was determined to be in Airworthy Condition.

Aircraft Time 1544.6 Right Engine —

Left Engine 1544.6 A.D. Notes thru SEE

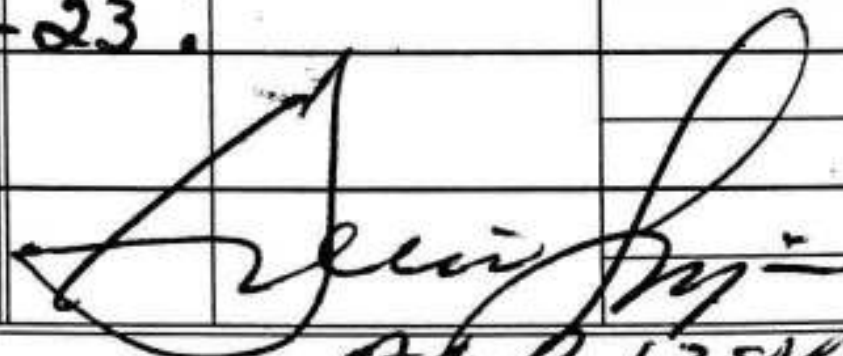
LIST — — complied with

Signed Thomas J. Bennett

A&P #2192345 Insp. Auth.

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
7-29-82					Installed this date
back	1575:02				Continued IO-470 F
total	1575:02				engine and Pratt & Whitney
					propeller model
					HC-C27F-1-B 8468A-4 with spinner
					assy. A 835-23.


 APR 1384923

- 53-16-1 ELAVATOR TAB INSP c/w 11-30-73 1190: hrs
- 63-6-2 Rudder BELL CRANK INSP c/w 11-30-73 1190: hrs
- 63-17-1 RETRACT STRUT & REAR FITTINGS c/w 11-30-73 1190: hrs
- 63-20-1 BRAKE CYL. SUPPORT BRACKET INSP c/w 11-30-73 1190 hrs.
- 72-1-1 INSPECTION OF FLEXABLE FUEL AND OIL LINES c/w 11-30-73 1190: hrs
- 72-6-5 CARBURATOR INSPECTION AND SAFETY. c/w 11-30-73 1190 hrs
- 76-08-04 comply with service letter 87A PART I PART II
winy Fw inspection, modification

D. Ann
D. Ann 1438912

Airworthiness Directives - N9846B

50-5-2	Shakespeare controls	Previously C/W
53-16-1	Elevator tab insp.	Inspected 10-20-61
60-26-2	Magneto lubrication	C/W 10-20-61
61-3-2	Exhaust valve replacement	At next overhaul
61-8-2	Rupert safety belts	75 hours after 5-16-61
61-19-4	Prop blade shank insp.	600 hrs after 9-30-61

No others applicable thru Issue No. 61-20

GOPHER AVIATION, INC
Rochester, Minn.
Approved Repair Station
NO. 3721

63-6-2 ~~Approved~~ rudder bellcranks insp each 100 hrs *M. O. Hanson*

63-6-2

63-17-1 RETRACT STRUT & REAR FITTINGS. *Dist 10.17*

63-20-1 SUPPORT WIRE & BRAKE CYL -

63-8-4 PROP